

## EAST Search History

| Ref # | Hits  | Search Query   | DBs                                    | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|--|------------------|---------|------------------|
| S1    | 3     | ("5241594" "5689638" "5991882").PN.                                      | USPAT                                  | OR               | OFF     | 2006/02/21 17:27 |
| S2    | 4     | "6202150".pn. or "6141423".pn. or "5764767".pn. or "5745573".pn.         | USPAT                                  | OR               | OFF     | 2006/02/06 18:09 |
| S3    | 124   | ("5241594").URPN.  | USPAT                                  | OR               | OFF     | 2006/02/08 15:16 |
| S4    | 3     | (US-5592553-\$ or US-5684950-\$ or US-5604490-\$).did.                   | USPAT                                  | OR               | OFF     | 2006/02/21 17:26 |
| S5    | 38    | 726/8.ccls. and (@ad<"20000629" or @rlad<"20000629")                     | USPAT                                  | OR               | OFF     | 2006/02/21 17:32 |
| S6    | 41    | 726/8.ccls. and (@ad<"20000629" or @rlad<"20000629")                     | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/02/21 17:54 |
| S7    | 8278  | (session or connection or channel) same (reestablish\$5 or reconnect\$3) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/02/21 17:45 |
| S8    | 2     | S6 and S7  | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/02/21 17:34 |
| S9    | 3109  | "726"/\$.ccls. and (@ad<"20000629" or @rlad<"20000629")                  | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/02/21 17:34 |
| S10   | 40    | S7 and S9  | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/02/21 17:34 |
| S11   | 85248 | (session or connection or channel) same (disconnect\$3)                  | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/02/21 17:46 |
| S12   | 131   | S11 and S9   | USPAT                                  | OR               | OFF     | 2006/02/21 17:48 |
| S13   | 112   | automatic adj3 (authenticat\$4 or re-authenticat\$4)                     | USPAT                                  | OR               | OFF     | 2006/02/22 14:03 |

## EAST Search History

|     |          |   |  |    |     |                  |
|-----|----------|---|--|----|-----|------------------|
| S14 | 876      | re-authenticat\$4                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/21 17:52 |
| S15 | 28       | S11 same S14                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/21 17:53 |
| S16 | 4        | S13 same S11                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/21 17:51 |
| S17 | 0        | S7 same S13                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/21 17:51 |
| S18 | 22       | S7 same S14                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/21 17:51 |
| S19 | 13509725 | (@ad<"20000629" or<br>@rlad<"20000629") | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2006/02/21 17:52 |
| S20 | 2        | S8 and S19                              | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2006/02/21 17:52 |
| S21 | 211      | re-authenticat\$4 and S19               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/21 17:55 |
| S22 | 1        | S15 and S19                             | USPAT  | OR | OFF | 2006/02/21 17:53 |

## EAST Search History

|     |          |   |   |    |     |                  |
|-----|----------|---|---|----|-----|------------------|
| S23 | 3109     | "726"/\$.ccls. and (@ad<"20000629" or @rlad<"20000629") | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB        | OR | OFF | 2006/02/22 13:45 |
| S24 | 51       | re-authenticat\$4 and S23                               | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/22 13:45 |
| S25 | 7        | re-authenticat\$4 with time-out                         | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/22 14:43 |
| S26 | 105      | authenticat\$4 with time-out                            | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/22 16:48 |
| S27 | 13509725 | (@ad<"20000629" or @rlad<"20000629")                    | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB        | OR | OFF | 2006/02/22 13:45 |
| S28 | 46       | S26 and S27   | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB        | OR | OFF | 2006/02/22 15:22 |
| S29 | 2        | S25 and S27   | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB        | OR | OFF | 2006/02/22 13:46 |
| S30 | 0        | reauthenticat\$4 with time-out                          | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/22 13:48 |
| S31 | 190      | authenticat\$4 with timeout                             | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/22 13:48 |

## EAST Search History

|     |     |  |  |    |     |                  |
|-----|-----|--|--|----|-----|------------------|
| S32 | 18  | re-authenticat\$4 with timeout   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/22 13:49 |
| S33 | 55  | S31 and S27  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/22 13:56 |
| S34 | 5   | S32 and S27  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/22 13:49 |
| S35 | 2   | 726/8.ccls. and (time-out or<br>timeout) same (cert or certifi\$6)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/22 14:03 |
| S36 | 31  | 726/8.ccls. and (authenticat\$4 or<br>re-authenticat\$4 same (timeout or<br>time-out))   | USPAT  | OR | OFF | 2006/02/22 14:04 |
| S37 | 1   | S35 and S27  | USPAT  | OR | OFF | 2006/02/22 14:05 |
| S38 | 30  | 726/8.ccls. and (authenticat\$4 or<br>re-authenticat\$4 same (timeout or<br>time-out)) and S27   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2006/02/22 14:06 |
| S39 | 146 | ("4484306"   "4698757"  <br>"4799153"   "4930159"  <br>"5204961"   "5241594"  <br>"5263165"   "5287461"  <br>"5335346"   "5359721"  <br>"5408653"   "5414839"  <br>"5426427"   "5455953"  <br>"5499342").PN OR ("5655077").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                 | OR | OFF | 2006/02/22 14:08 |
| S40 | 132 | S39 and S27  | US-PGPUB;<br>USPAT;<br>USOCR                                 | OR | OFF | 2006/02/22 14:15 |
| S41 | 4   | S39 and S27 and (timeout or<br>time-out)   | US-PGPUB;<br>USPAT;<br>USOCR                                 | OR | OFF | 2006/02/22 14:42 |

## EAST Search History

|     |     |  |  |    |     |                  |
|-----|-----|--|--|----|-----|------------------|
| S42 | 4   | S39 and S27 and (timeout or time-out)  | US-PGPUB;<br>USPAT;<br>USOCR                                 | OR | OFF | 2006/02/22 14:42 |
| S43 | 4   | "6182142".pn. or "6490624".pn.   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2006/02/22 16:05 |
| S44 | 18  | ("5944824"   "5974566"   "6052785"   "6076108"   "6115040").PN. OR ("6490624").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                 | OR | OFF | 2006/02/22 16:47 |
| S45 | 44  | ("5261102"   "5845267"   "5918013"   "5944824"   "6014666").PN. OR ("6182142").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                 | OR | OFF | 2006/02/22 15:26 |
| S46 | 43  | (S44 or S45)and S27  | US-PGPUB;<br>USPAT;<br>USOCR                                 | OR | OFF | 2006/02/22 15:27 |
| S47 | 3   | "6182142".pn. or "6490624".pn. and 5c  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2006/02/22 16:05 |
| S48 | 80  | S26 or S31 or S32  | USPAT  | OR | OFF | 2006/02/22 16:47 |
| S49 | 290 | authenticat\$4 with time-out or S31  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/22 16:48 |
| S50 | 290 | S49 or S32   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/22 16:48 |
| S51 | 100 | S27 and S50  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/22 16:49 |
| S52 | 17  | S27 and S50 and 709/227-229. ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/22 16:51 |

## EAST Search History

|     |    |  |                    |    |     |                  |
|-----|----|--|--------------------|----|-----|------------------|
| S53 | 14 | (US-20020138728-\$ or<br>US-20020059369-\$).did. or<br>(US-5592553-\$ or US-5684950-\$<br>or US-5604490-\$ or US-6715082-\$<br>or US-6006331-\$ or US-6490624-\$<br>or US-6584505-\$ or US-6754829-\$<br>or US-5655077-\$ or US-6182142-\$<br>or US-6438597-\$ or<br>US-6076108-\$).did. | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/22 16:57 |
| S54 | 2  | S53 and S52  | USPAT              | OR | OFF | 2006/02/22 16:57 |